

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 34555US1	SERIAL NO. N/A 10/687,123
INFORMATION DISCLOSURE CITATION BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT: Paul A. Warfel et al.	
		FILING DATE: Herewith 10-16-03	GROUP ART UNIT: N/A 1724
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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date
R. J. C.	A	1,335,389	03/1920	Rayfield	261	41.1	
	B	2,711,883	06/1955	Reeves	261	41.5	
	C	2,728,564	12/1955	Bracke	261	69.2	
	D	3,453,655	07/1969	Quinones et al.	137	296	
	E	3,992,490	11/1976	Preston	261	41.5	
	F	4,052,490	10/1977	Fedison	261	34.2	
	G	4,097,561	06/1978	Seki et al.	261	41.5	
	H	4,100,663	07/1978	Crum	29	426.1	
	I	4,120,918	10/1978	Codling	261	71X	
	J	4,225,165	09/1980	Kesselman	292	256.67	
	K	4,234,523	11/1980	Onuki et al.	137	382X	
	L	4,242,290	12/1980	Handelsman et al.	261	71X	
	M	4,269,246	05/1981	Larson et al.	81	460	
	N	4,271,095	06/1981	Maeda	137	382.5X	
R. J. C.	O	4,272,458	06/1981	Ruth et al.	261	DIG. 38	

FOREIGN PATENT DOCUMENTS

R. J. C.		Document No.	Date	Country	Class	Subclass	Translation
	P	53-88422	08/1978	JP	261	71	
	Q						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner: <i>Richard L. Chesa</i>	Date Considered <i>March 4, 2004</i>
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Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date
R. L. C.	A	4,273,730	06/1981	Byrnes Jr.	261	71X	
	B	4,283,353	08/1981	Miller	261	71X	
	C	4,308,220	12/1981	Tateno	137	382X	
	D	4,515,043	05/1985	Gray	81	57.22	
	E	4,681,134	07/1987	Paris, Sr.	137	385	
	F	5,094,265	03/1992	Jackson et al.	137	383	
	G	5,236,634	08/1993	Hammett et al.	261	71	
	H	5,252,261	10/1993	Gerhardy	261	71	
	I	5,322,645	06/1994	Hammett et al.	261	71	
	J	5,461,952	10/1995	Goss	81	460	
	K	5,507,084	04/1996	Richter	29	254	
	L	5,525,267	06/1996	Araki	261	71	
	M	5,562,869	10/1996	Drahos et al.	261	71	
	N	5,603,869	02/1997	McNew et al.	261	71	
R. L. C.	O	5,630,965	05/1997	Shaw et al.	261	DIG. 38	
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Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date
R.L.C.	A	5,635,113	06/1997	Walsh et al.	261	DIG. 84	
	B	5,667,734	09/1997	Ohgane	261	71	
	C	5,707,561	01/1998	Swanson	261	71	
	D	5,753,148	05/1998	King et al.	261	71	
	E	5,772,927	06/1998	Koizumi et al	261	71X	
	F	5,776,379	07/1998	Bowles	261	71	
	G	5,955,007	09/1999	Koizumi et al	261	71X	
	H	5,961,896	10/1999	Koizumi et al	261	71X	
	I	5,975,123	11/1999	Underwood	137	382	
	J	5,984,281	11/1999	Hacker et al	261	71	
	K	6,003,845	12/1999	Kus	137	382X	
	L	6,074,147	06/2000	Shu	411	393	
	M	6,158,310	12/2000	Goss et al	411	402X	
	N	6,234,458 B1	05/2001	Gerhardy	261	71	
R.L.C.	O	6,302,383 B1	10/2001	Scarr	261	71	

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R.L.C.	A	6,302,384 B1	10/2001	Douyama	261	71	
R.L.C.	B	6,387,250 B1	05/2002	Henkin et al	210	97	
R.L.C.	C	6,402,124	06/2002	Pattullo et al.	261	71	
R.L.C.	D	2001/0026025 A1	10/2001	Nagata et al.	261	71	03/2001
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